Applicant: Tatsuhiko Kodama et al. Attorney's Docket No.: 14875-137US1 / C1-A0210Y1P-US

Serial No.: 10/516,603 Filed : June 8, 2005

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## Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

## <u>Listing of Claims</u>:

## 1-18. (Canceled)

- 19. (Currently amended) A method for producing an antibody against PepT1, wherein the method comprises the steps of:
- (a) preparing a baculovirus that comprises a DNA which encodes PepT1 or a fragment thereof and expresses PepT1 or a fragment thereof;
- (b) infecting a cultured host cell with the baculovirus of (a) to obtain a budding virus that expresses PepT1 or a fragment thereof;
- (c) producing a transgenic mouse that comprises in its genome a gene encoding a baculovirus membrane protein gp64 wherein the mouse expresses the baculovirus membrane protein gp64 and has immunotolerance to gp64;
- (d) immunizing the transgenic mouse of (c) with the budding virus of (b) or PepT1 or its fragment or a fraction of the budding virus of (b) comprising PepT1 or its fragment; and
  - (e) recovering an antibody recognizing PepT1 from the immunized transgenic mouse.

## 20. (Canceled)

- 21. (Currently amended) A method for producing an antibody against an antigen, wherein the method comprises the steps of:
- (a) preparing a baculovirus that comprises a DNA which encodes an antigen or an epitope thereof and expresses the antigen or epitope thereof;

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(b) infecting a cultured host cell with the baculovirus of (a) to obtain a budding virus that expresses the antigen or epitope thereof;

- (c) producing a transgenic mouse that comprises in its genome a gene encoding a baculovirus membrane protein gp64 wherein the transgenic mouse expresses the baculovirus membrane protein gp64 and has immunotolerance to gp64;
- (d) immunizing the transgenic mouse of (c) with the budding virus of (b) or a fraction of the budding virus of (b) comprising the antigen or the epitope thereof; and
- (e) recovering an antibody specific for the antigen or epitope thereof from the immunized transgenic mouse.